

CLAIMS

What is claimed is:

1. A mounting fastener for a rack, comprising:
 - a clip;
 - a fastener coupled to the clip, wherein the fastener has a first shaped exterior adapted for insertion of the fastener into a first shaped aperture of the rack; and
 - a mounting adapter selectively disposed adjacent the fastener, wherein the mounting adapter has a second shaped exterior adapted for insertion of the adapter into a second shaped aperture of the rack.
2. The mounting fastener of claim 1, wherein the clip comprises a resilient U-shaped structure.
3. The mounting fastener of claim 1, wherein the fastener comprises a threaded hole.
4. The mounting fastener of claim 3, wherein the fastener is secured within the clip.
5. The mounting fastener of claim 1, wherein the fastener comprises a boss member having the first shaped exterior.
6. The mounting fastener of claim 1, wherein the first shaped exterior is circular and the second shaped exterior is rectangular.

7. The mounting fastener of claim 1, wherein the mounting adapter is disposed substantially around the fastener.

8. A system, comprising:

a rack device; and

a rack-mounting assembly, comprising:

a clip;

a fastener having a boss portion disposed within the clip, wherein the boss portion has a first external shape permitting insertion of the boss portion into a rack aperture; and

an insert removably disposed about the boss portion and having a second external shape permitting insertion of the insert into a different rack aperture.

9. The system of claim 8, wherein the rack device comprises a rack structure adapted to support a plurality of rack-mountable components via the rack-mounting assembly.

10. The system of claim 8, wherein the rack-mountable device comprises a server.

11. The system of claim 8, wherein the rack-mountable device comprises a power supply.

12. The system of claim 8, wherein the rack-mountable device comprises a programmable logic controller.
13. The system of claim 8, wherein the first external shape comprises a circular circumference and the second external shape comprises a polygonal circumference.
14. The system of claim 8, wherein the insert comprises a C-shaped structure.
15. The system of claim 8, wherein the clip comprises a pair of members springably biased toward one another.
16. A system, comprising:
means for coupling a rack-mountable device to a first shaped rack aperture;
and
means for adapting the means for coupling to a second shaped rack aperture.
17. The system of claim 16, comprising the rack-mountable device.
18. The system of claim 16, comprising a rack having at least one of the first and second shaped rack apertures.
19. The system of claim 18, comprising the rack-mountable device mounted in the rack.

20. A method, comprising the acts of:

providing a rack-mounting assembly comprising a clip and a fastener

engageable with a first shaped mounting aperture of a rack; and

providing a fastener-to-aperture adapter engageable with a second shaped

mounting aperture of the rack.

21. The method of claim 20, wherein providing the rack-mounting

assembly comprises forming a U-shaped clip having a pair of members biased toward

one another.

22. The method of claim 20, wherein providing the rack-mounting

assembly comprises positioning the fastener at least partially within the clip.

23. The method of claim 20, wherein providing the fastener-to-aperture

adapter comprises jacketing the fastener at least partially with the fastener-to-aperture

adapter.

24. The method of claim 20, wherein providing the rack-mount assembly

comprises providing an internally threaded boss member of the fastener at least

partially within a resilient U-shaped structure of the clip.

25. The method of claim 20, comprising providing a rack-mountable

device that is selectively mountable into a first rack without the fastener-to-aperture

adapter and is selectively mountable into a second rack with the fastener-to-aperture adapter disposed about the fastener.

26. A system, comprising:

a rack unit; and

a threaded clip fastener, comprising:

a pair of resilient clip members extending opposite one another;

an internally threaded boss mounted between the pair of resilient

clip members, wherein the internally threaded boss has a

first external shape to facilitate insertion of the internally

threaded boss through a first rack-mounting aperture;

a mounting aperture adapter, comprising:

an opening to facilitate placement of the mounting aperture

adapter about the internally threaded boss; and

a boss having a second external shape surrounding the

opening to facilitate insertion of the boss through a

second rack-mounting aperture different from the

first rack-mounting aperture.

27. The system of claim 26, wherein the rack unit comprises a rack-mountable server.

28. The system of claim 26, wherein the rack unit comprises a rack structure comprising a plurality of legs adapted to support a plurality of rack-mountable devices.

29. The system of claim 26, wherein the first external shape is substantially cylindrical and the second external shape is substantially rectangular.